

ABSTRACT

5 By using a surface inspection apparatus comprising a  
light source 11 for applying a light to a surface of an  
object 2 to be measured, an objective lens 12 opposite to  
the surface of the object 2 to be measured and for receiving  
a reflected light applied from the light source 11 and  
reflected on the surface of the object 2 to be measured,  
light detection means 13 for detecting a component incident  
10 on the objective lens 12 from a parallel direction with its  
optical axis in the reflected light passing through this  
objective lens 12 and obtaining its light quantity, and a  
slit 29 provided in the optical path between the objective  
lens 12 and light detection means 13, because the light  
15 detection extent in the surface of the object 2 to be  
measured can be narrowed with the slit 29, its surface  
condition can be measured with a good accuracy independently  
of the shape of the object to be measured.